

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (previously amended)      A device for exciting modes in an optical waveguide, comprising:

an entry face onto which a part of a coherent beam of a light source is directed; and

a reflector for deflecting another part of the coherent beam of the light source onto the entry face such that an interference pattern for exciting various modes is produced, wherein the light source lies on an optical axis of the optical waveguide and the reflector is a cone envelope which encloses a space between the light source and the entry face.

Claim 2 (canceled).

Claim 3 (original)      A device for exciting modes in an optical waveguide as claimed in claim 1, wherein the reflector is provided with a planar pattern.

Claim 4 (original)      A device for exciting modes in an optical waveguide as claimed in claim 3, wherein the pattern is holographic.

Claim 5 (cancelled)

Claim 6 (cancelled)

Claim 7 (previously amended)      A device for exciting modes in an optical waveguide as claimed in claim 1, wherein an inside of the reflector is mirrored.

Claim 8 (previously amended)      A device for exciting modes in an optical waveguide as claimed in claim 1, wherein an inside of the reflector has a pattern.